



Product Specifications

Low-Density 7 - Ay Foam

Description: 7-Ay Foam is a proprietary blend of specific polymers, homo-polymers, resins and plasticizers processed to maximize a stable covalent bond orientation, closed cell polyvinyl chloride (PVC) foam.

<u>Characteristic</u>	<u>Method</u>	<u>Target</u>	<u>Tolerance</u>
Density	ASTM D-1667	7 lbs/ft ³	± 1.5 lbs/ft ³
Hardness (Shore 00)	ASTM D-20	20	± 5
Gauge (Thickness)	ASTM D-1667	.750"	± .075"
Compression Set (25% Compression)	ASTM D-1667	5%, max	
Compress. Deflection (25% Compression)	ASTM D-1667	2	± 1
Tensile Strength	ASTM D-412	25 psi, min	
Dimensional Stability	ASTM D-1667	5%, max	
Low Temperature Flex	ASTM D-2136	No cracking	
Flammability	UL 94 HBF	Pass	
	MVSS 302	Pass	
Recommended Service Temperature		-40 to 180° F -40 to 80° C	
Recommended Application Temperature		50 to 110° F 10 to 45° C	

Certified by Ludlow Composites lab

Specifications are subject to revision.

Ludlow Composites Corporation

2100 Commerce Drive, Fremont, Ohio 43420 (419) 332-5531